FIG.1A
PRIOR ART

Y VALUES
FIG.1B
PRIOR ART

C_B VALUES
FIG.1C
PRIOR ART

C_R VALUES
FIG.1D
PRIOR ART

FIG.2
PRIOR ART

FIG.3
PRIOR ART

FIG.4

START

GET PIXEL
VALUE ── 138

PIXEL
VALUE < THRESHOLD
VALUE ? ── 140

NO

MODIFIED PIXEL
VALUE = PIXEL
VALUE ── 142

YES

MODIFIED PIXEL VALUE
= PIXEL VALUE +
RANDOM VALUE ── 146

IS THE
MODIFIED PIXEL VALUE
WITHIN PROPER
RANGE ? ── 150

YES

NO

MODIFIED PIXEL
VALUE = IN
RANGE VALUE ── 152

STORE MODIFIED PIXEL
VALUE IN IMAGE BUFFER ── 144

MORE PIXEL
VALUES ? ── 154

YES

NO

STOP
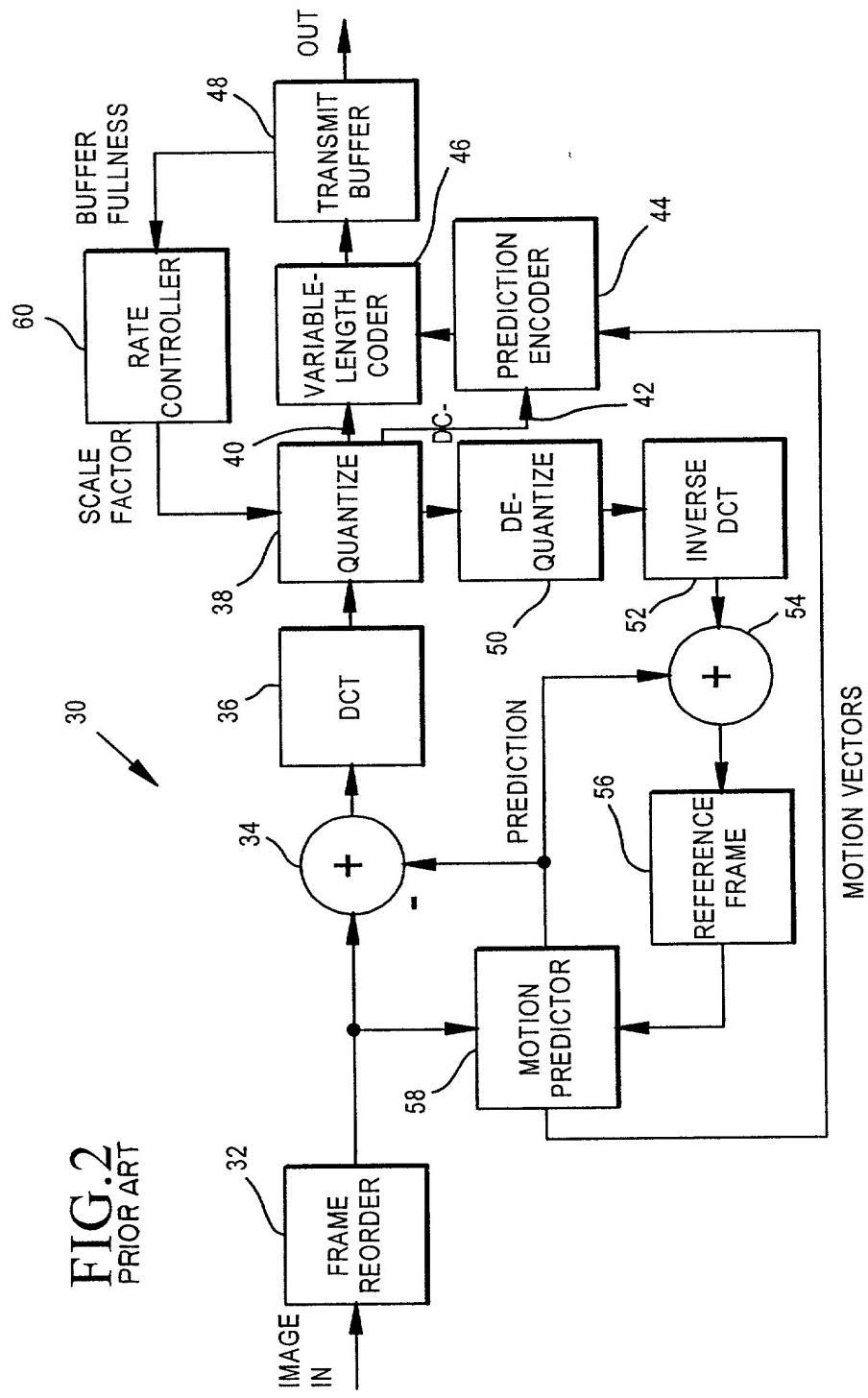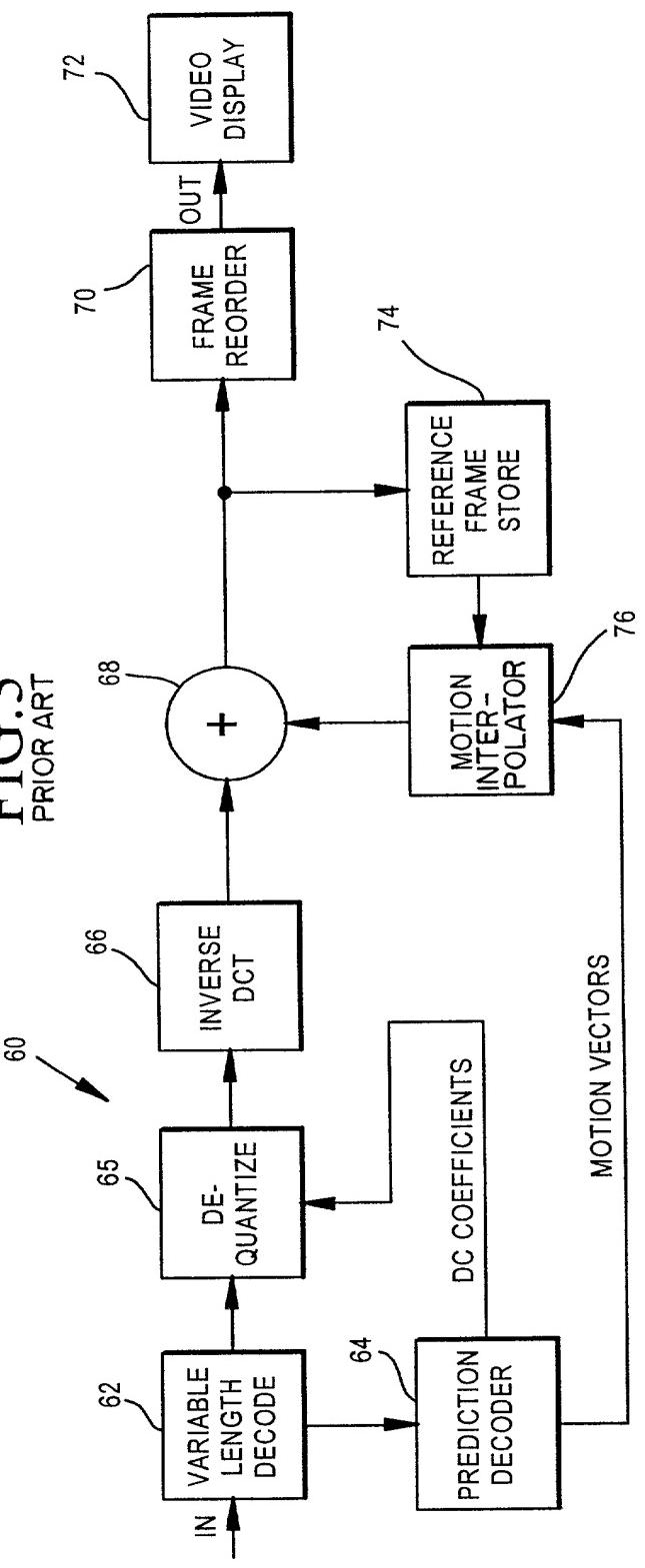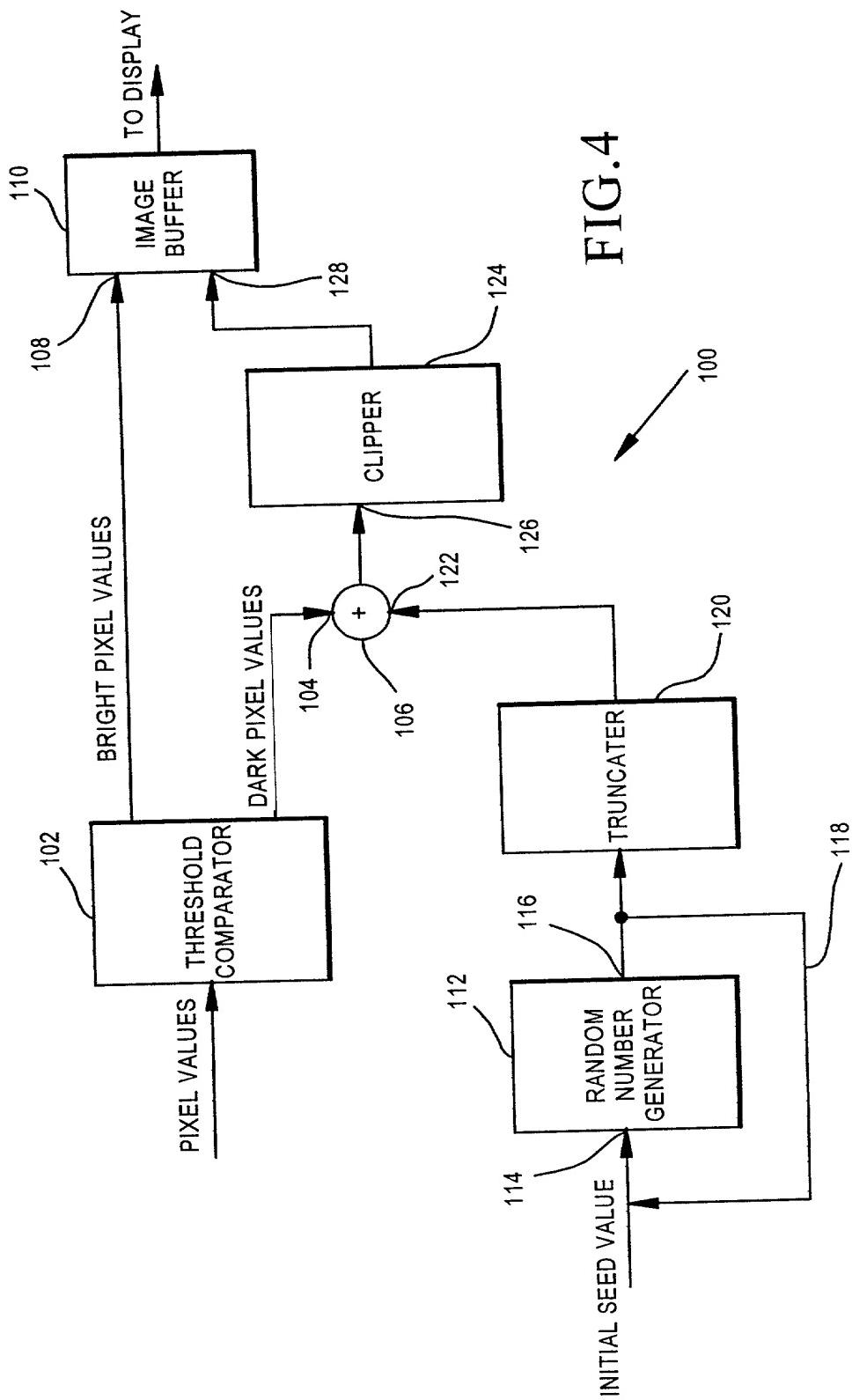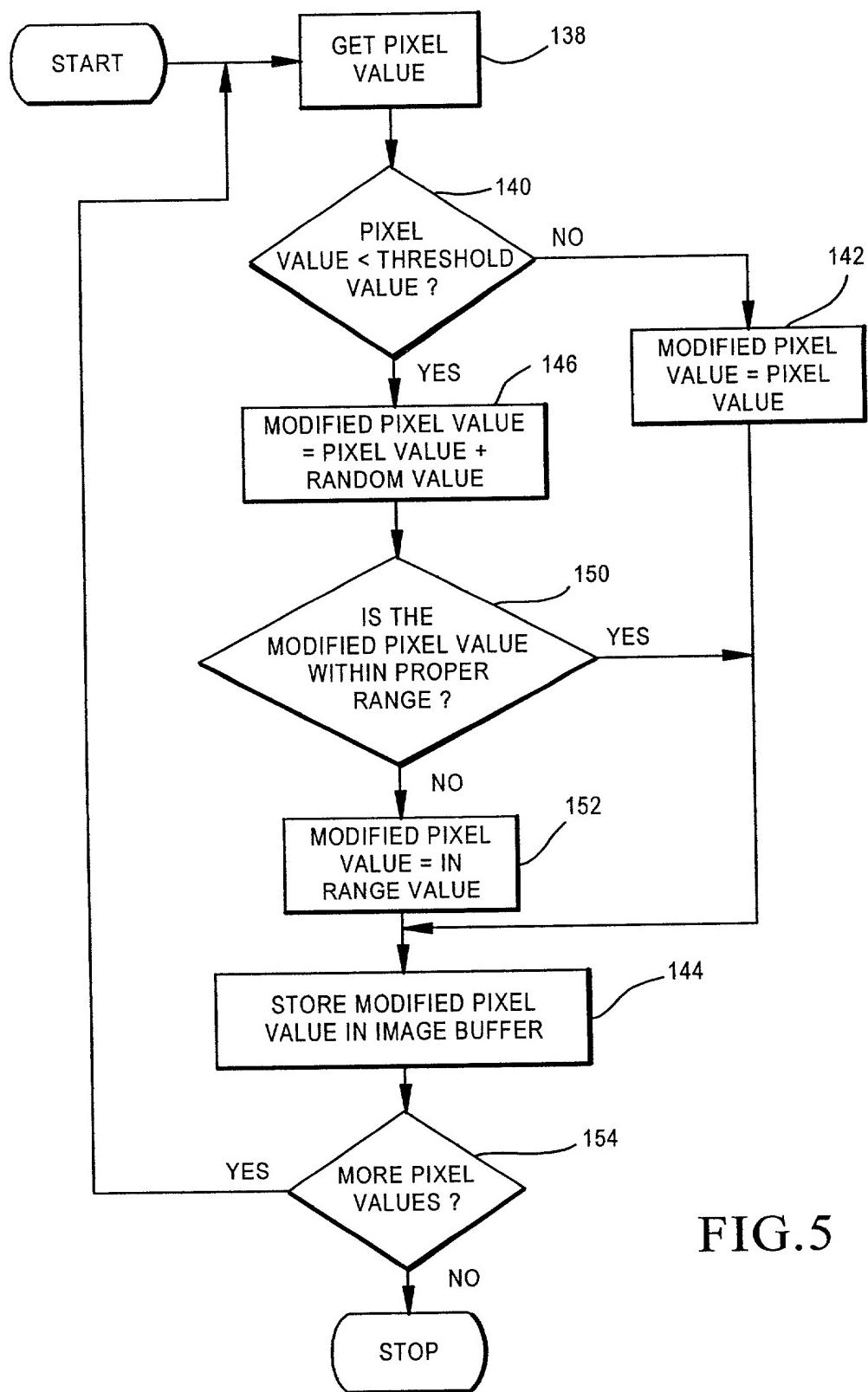
FIG.5

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a_{00}	a_{01}	a_{02}	a_{03}	a_{04}	a_{05}	a_{06}	a_{07}
a_{10}	a_{11}	a_{12}	a_{13}	a_{14}	a_{15}	a_{16}	a_{17}
a_{20}	a_{21}	a_{22}	a_{23}	a_{24}	a_{25}	a_{26}	a_{27}
a_{30}	a_{31}	a_{32}	a_{33}	a_{34}	a_{35}	a_{36}	a_{37}
a_{40}	a_{41}	a_{42}	a_{43}	a_{44}	a_{45}	a_{46}	a_{47}
a_{50}	a_{51}	a_{52}	a_{53}	a_{54}	a_{55}	a_{56}	a_{57}
a_{60}	a_{61}	a_{62}	a_{63}	a_{64}	a_{65}	a_{66}	a_{67}
a_{70}	a_{71}	a_{72}	a_{73}	a_{74}	a_{75}	a_{76}	a_{77}

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b_{00}	b_{01}	b_{02}	b_{03}	b_{04}	b_{05}	b_{06}	b_{07}
b_{10}	b_{11}	b_{12}	b_{13}	b_{14}	b_{15}	b_{16}	b_{17}
b_{20}	b_{21}	b_{22}	b_{23}	b_{24}	b_{25}	b_{26}	b_{27}
b_{30}	b_{31}	b_{32}	b_{33}	b_{34}	b_{35}	b_{36}	b_{37}
b_{40}	b_{41}	b_{42}	b_{43}	b_{44}	b_{45}	b_{46}	b_{47}
b_{50}	b_{51}	b_{52}	b_{53}	b_{54}	b_{55}	b_{56}	b_{57}
b_{60}	b_{61}	b_{62}	b_{63}	b_{64}	b_{65}	b_{66}	b_{67}
b_{70}	b_{71}	b_{72}	b_{73}	b_{74}	b_{75}	b_{76}	b_{77}

FIG.6